

REMARKS/ARGUMENTS

Claims 1, 3-10, 12-19, and 21 are pending in the application. Claims 2, 11, and 20 have been cancelled. Claims 1, 10, 13, 14, and 19 have been amended.

Objections to the Drawings Under 37 CFR 1.83(a)

The Examiner has objected to the Drawings under 37 CFR 1.83(a) because the drawings do not show each and every feature of the invention as claimed. Accordingly, the Applicants have submitted new Figure 3 which includes a controller that is designated by reference numeral 34. Therefore, the Applicants respectfully request that the Examiner reconsider and withdraw this objection to the Drawings under 37 CFR 1.83(a).

Objections to the Specification

The Examiner has objected to the specification because the filing date and serial number of the related application does not appear. Accordingly, the Applicants have amended paragraph [0002] of the specification to include the filing date and serial number of the related application. Therefore, the Applicants respectfully request that the Examiner reconsider and withdraw this objection to the specification.

Rejections Under 35 USC § 102

Claims 1-21 are rejected under 35 USC §102(e) as being anticipated by U.S. Patent No. 6,454,636 issued to Iwabuchi (Iwabuchi). The Applicants assert that Iwabuchi does not teach each and every feature of the invention as claimed. Specifically, Iwabuchi does not teach a coolant subsystem, a grinding system, or a

method of supplying coolant for a grinding system wherein the coolant is delivered "at substantially the same velocity as the grinding surface of the grinding tool".

The applicants have amended Claims 1, 10, and 19 to include the limitations of claims 2, 11, and 20 respectively, and have cancelled Claims 2, 11, and 20. As amended, Claims 1, 10, and 19 each specifically claim that the coolant is delivered "at substantially the same velocity as the grinding surface of the grinding tool".

The Claims of Iwabuchi do not specifically claim a velocity at which the coolant is delivered. Further, the Specification of Iwabuchi discloses that "the coolant La may be positively and sufficiently supplied to the grinding point P1 at the pressure and the flow rate at which a cooling of the vicinity of the grinding point P1 and a discharge of the grinding chips may be sufficiently performed", at lines 30-39 of Column 10. Iwabuchi does not disclose any specific velocity at which the coolant is delivered.

Therefore, the Applicants assert that the Iwabuchi reference does not teach each and every aspect of the invention as claimed, and therefore respectfully request that the examiner reconsider and withdraw these rejections under 35 USC §102(e).

Appl. No.: 09/997,556
Attorney Docket No.: 10541-542
Reply to Office Action of 23 January 2003

SUMMARY


The Applicants assert that pending Claims 1, 3-10, 12-19, and 21 as amended are patentable. Applicants respectfully request the Examiner grant early allowance of these claims. The Examiner is invited to contact the undersigned attorneys for the Applicants via telephone if such communication would expedite this application.

Applicants have calculated no fees to be presently due in connection with the filing of this Paper. However, Applicants have authorized charging of any fee deficiency to the deposit account of Applicants' assignee, Visteon Global Technologies, Inc., as indicated in the Transmittal accompanying this Statement.

Respectfully submitted,

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By: _____


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Attachment: Replacement Sheet